

# Atomic Structure



Atomic Number

Element Symbol

Element Name

Atomic Mass

The atomic number represents these two parts of the atom:

number of protons & number of electrons

You can calculate the number of neutrons by subtracting

Atomic Mass minus Atomic Number



Protons:

7

Electrons:

7

Neutrons:

7

Protons:

1

Electrons:

1

Neutrons:

0

Protons:

8

Electrons:

8

Neutrons:

8

## BOHR DIAGRAMS

- Draw a circle in the center representing the nucleus.
- Label the number of protons and neutrons.
- Draw the electrons in their energy levels.
  1. The first energy level can hold 2 electrons
  2. The second energy level can hold 8 electrons
  3. The third energy level can hold 8 electrons

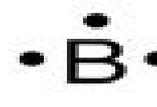
The electrons in the outermost energy level are called:

Valence Electrons

Element: SulfurNumber of Valence Electrons: 6

## LEWIS DIAGRAMS

A Lewis diagram shows only the symbol with the Valence electrons



# Matching Worksheet For Atomic Structure Answer Key

**M Carnoy**



**Matching Worksheet For Atomic Structure Answer Key:**

## Whispering the Secrets of Language: An Mental Journey through **Matching Worksheet For Atomic Structure Answer Key**

In a digitally-driven world where screens reign supreme and instant communication drowns out the subtleties of language, the profound secrets and mental subtleties hidden within phrases often get unheard. Yet, nestled within the pages of **Matching Worksheet For Atomic Structure Answer Key** a captivating literary value pulsating with fresh emotions, lies an exceptional quest waiting to be undertaken. Composed by an experienced wordsmith, this charming opus attracts readers on an introspective trip, gently unraveling the veiled truths and profound affect resonating within the folds of each and every word. Within the psychological depths with this touching evaluation, we shall embark upon a honest exploration of the book's core themes, dissect their charming publishing fashion, and succumb to the effective resonance it evokes strong within the recesses of readers hearts.

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